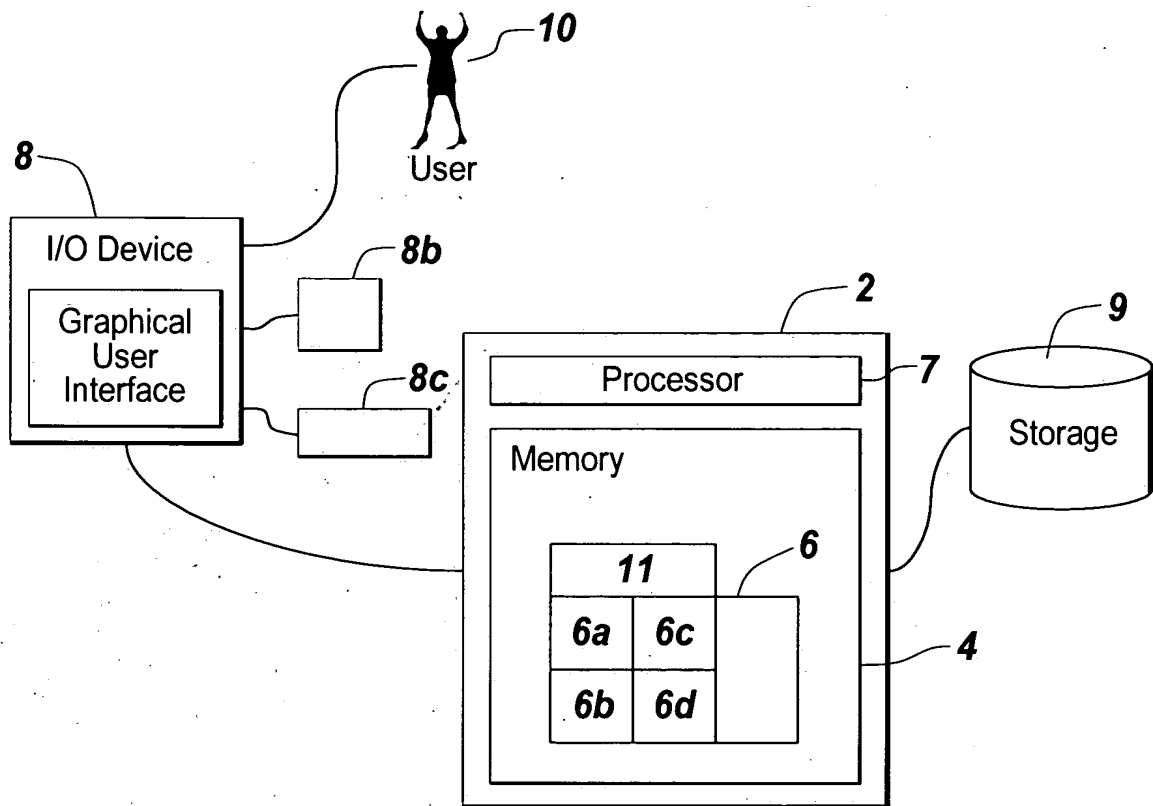
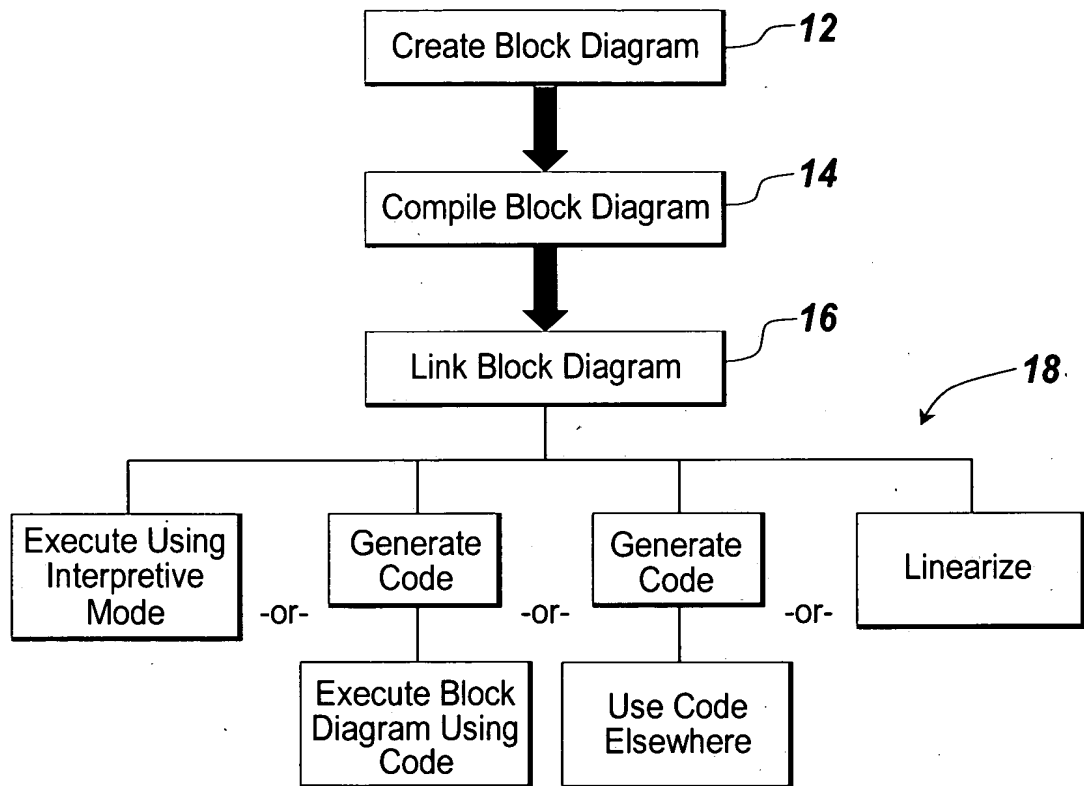


1/10



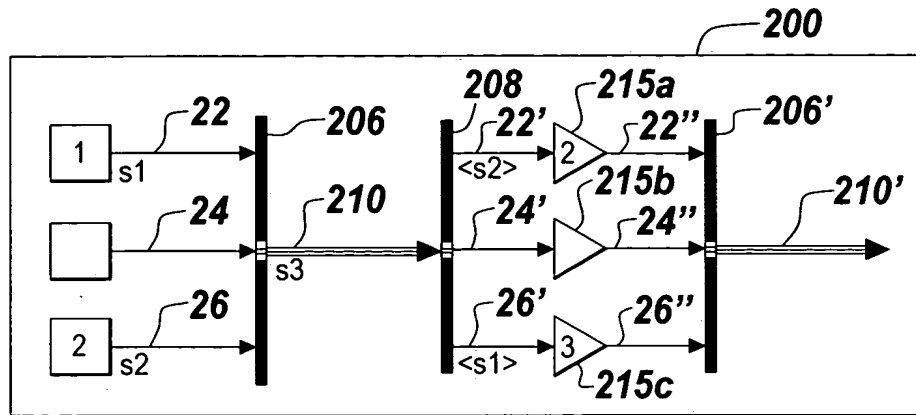
*Fig. 1*

2/10

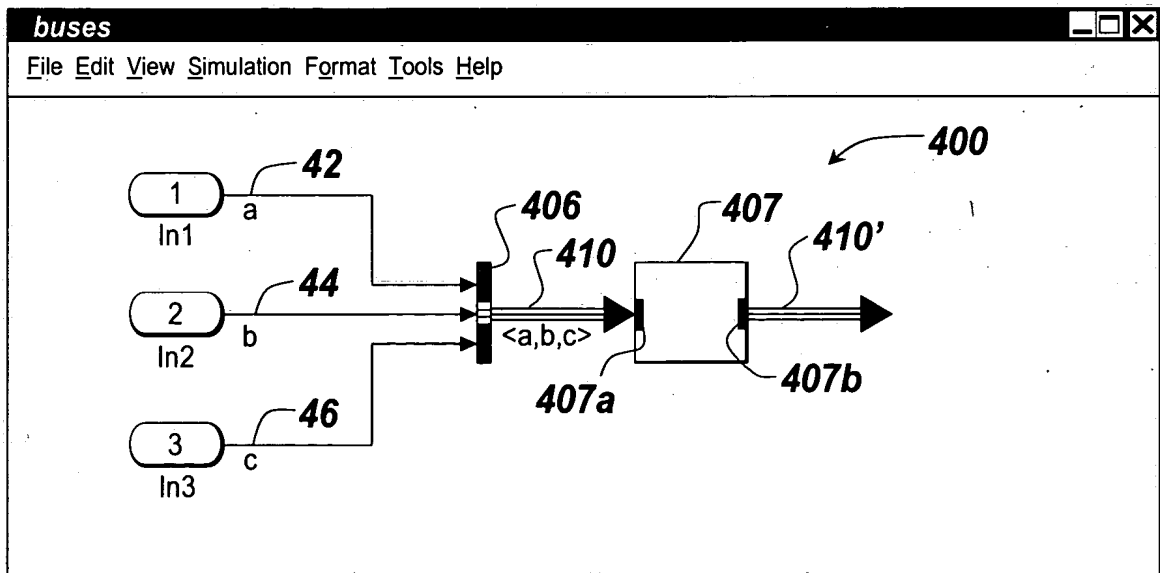


*Fig. 2*

3/10



*Fig. 3*  
 (Prior Art)



*Fig. 5*

4/10

30

**Block Parameters: Bus Creator**

**Bus Creator**

This block accepts input from a Mux or Bus Creator block. The left listbox shows the signals in the input bus. Use the Select button to select the output signals. The right listbox shows the selections. Use the Up, Down, or Remove button to reorder the selections. Check 'Muxed output' to multiplex the output.

**Signals in the bus**

- signal 22
- signal 24
- signal 26

**Bus signals**

- bus 210

Up  
Down  
Remove

Find Refresh Select >>

☐ Muxed output

OK Cancel Help Apply

*Fig. 4*  
(Prior Art)

5/10

500

**Bus Editor**

Bus objects

- data\_bus
- gen\_bus
- xyz
- mn
- a
- pos\_bus
- x\_pos
- y\_pos

410

411

412

Bus elements

Name	Dimension	Data type	Complexity	Sampling mode
x_pos	[2 3]	int32	complex	Sample based
y_pos	1	double	real	Sample based

502

504

506

508

510

516

Description

Sample time

2

Header

512

514

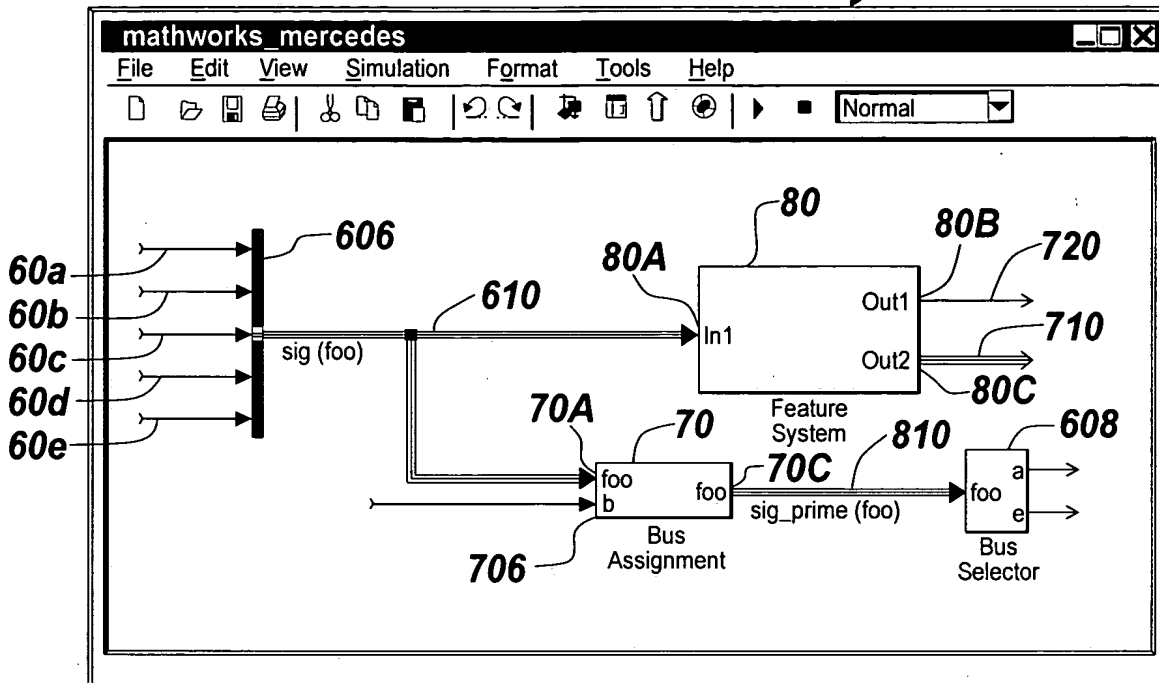
Help

Close

Fig. 6

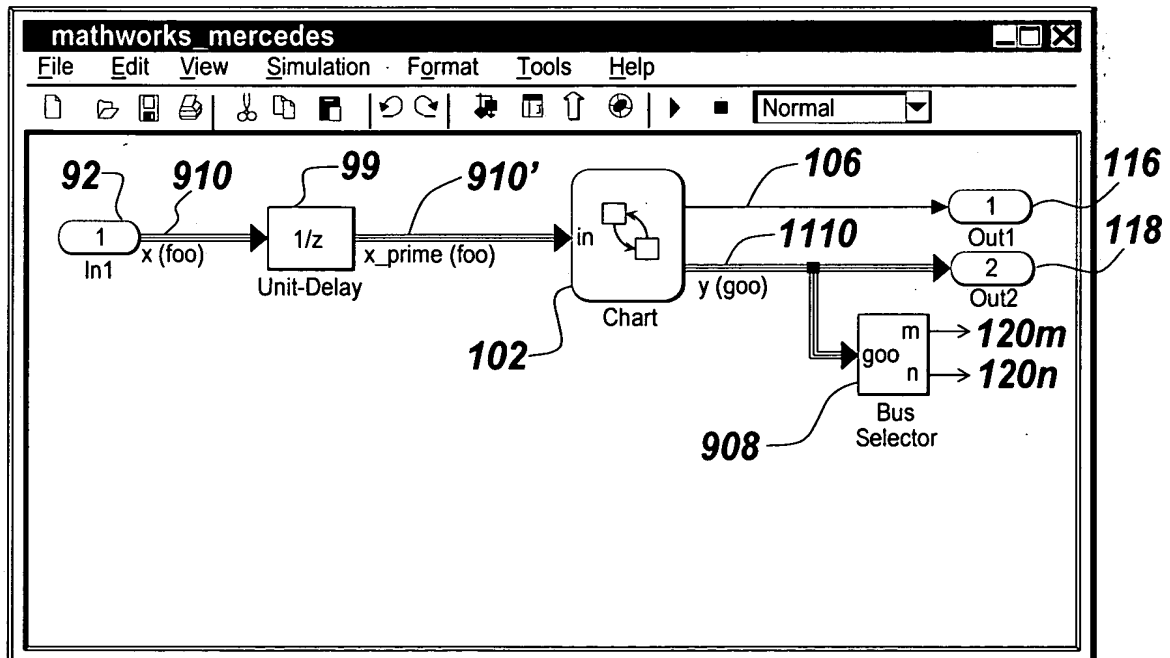
6/10

600



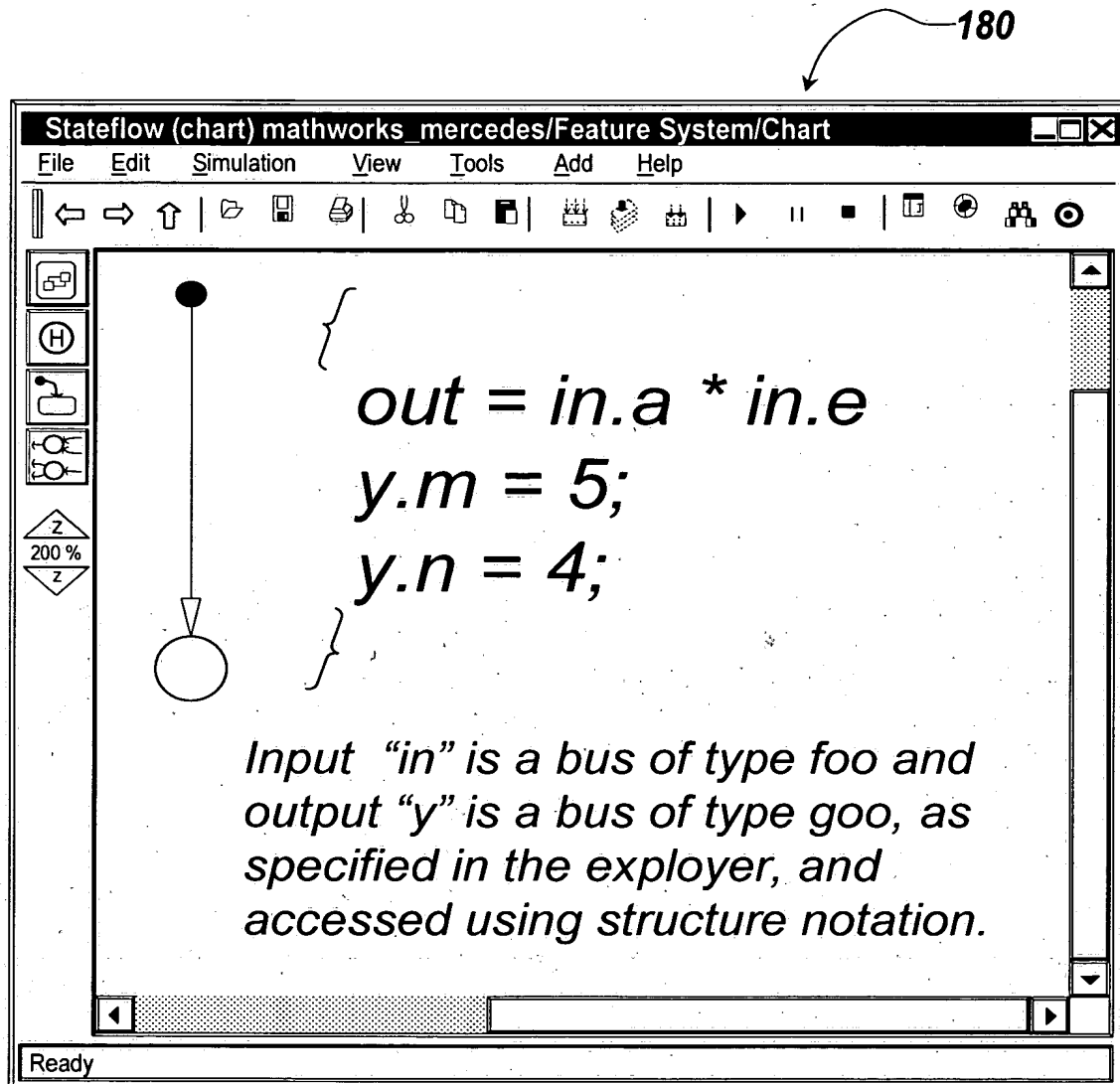
*Fig. 7*

700



*Fig. 8*

7/10



*Fig. 9*

800

8/10

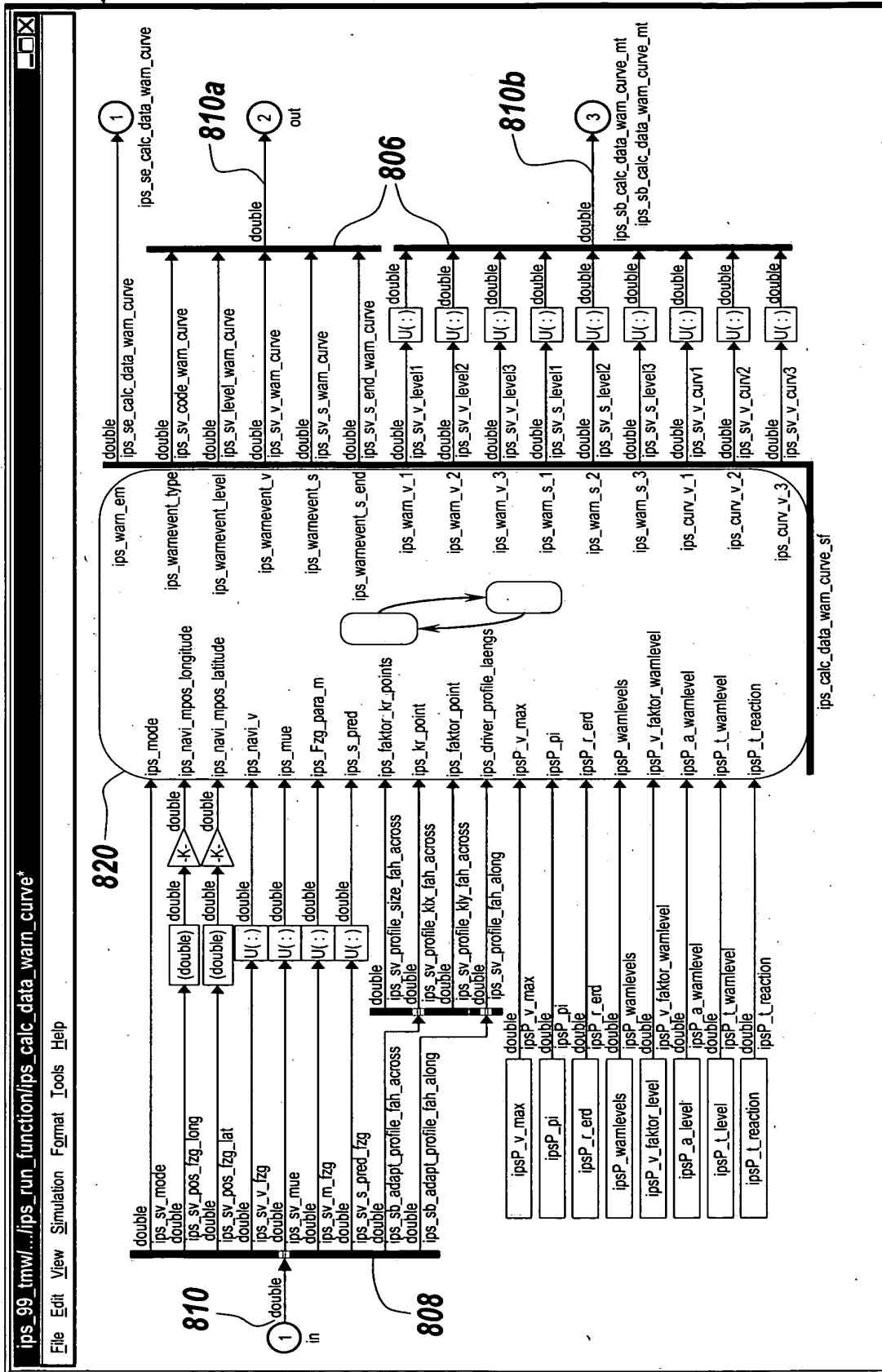


Fig. 10A  
 (Prior Art)



9/10

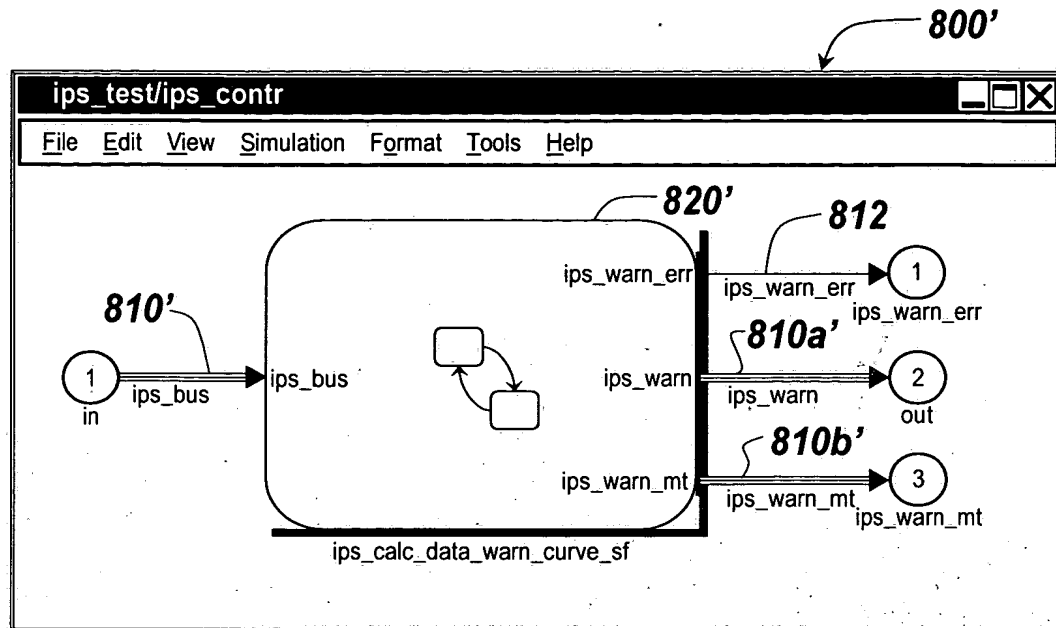


Fig. 10B

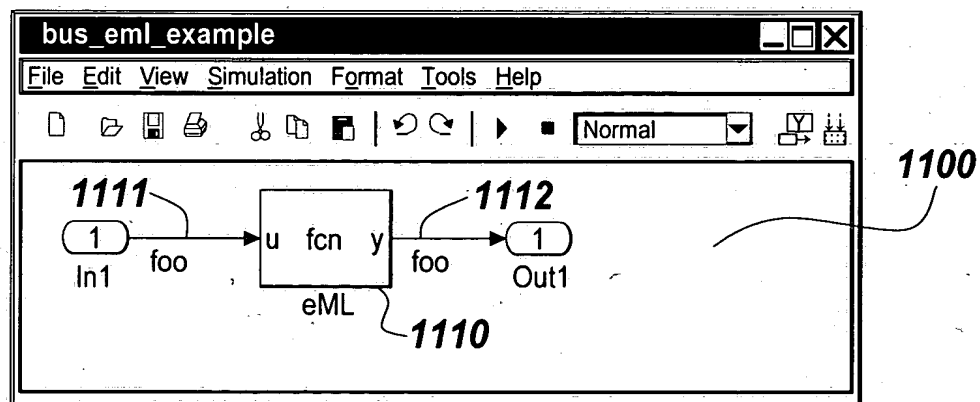


Fig. 11

10/10

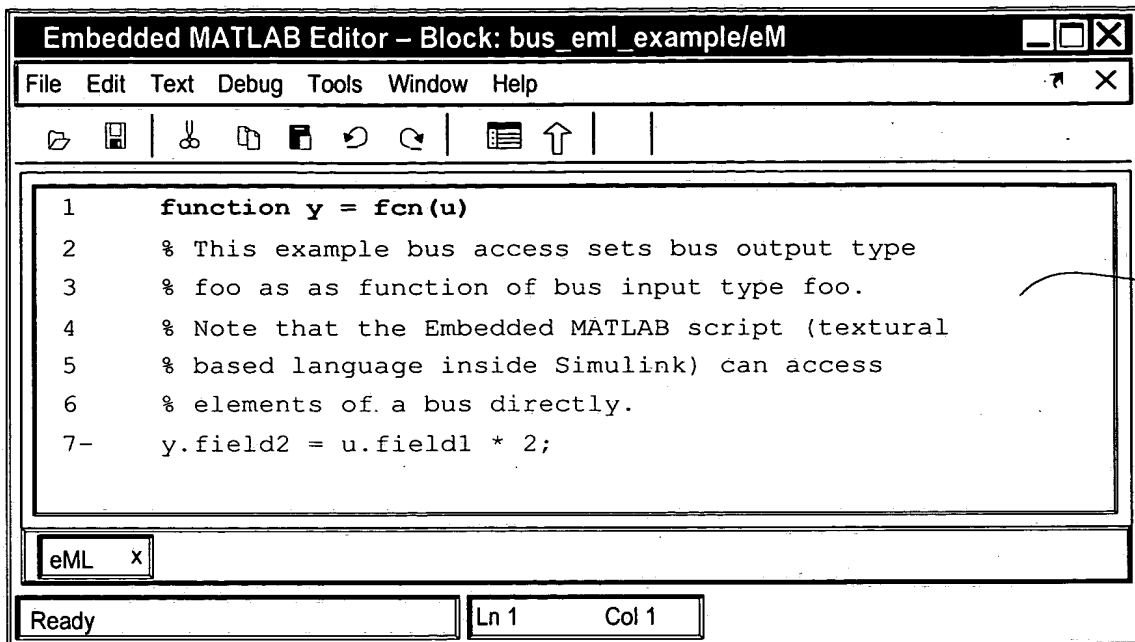


Fig. 12

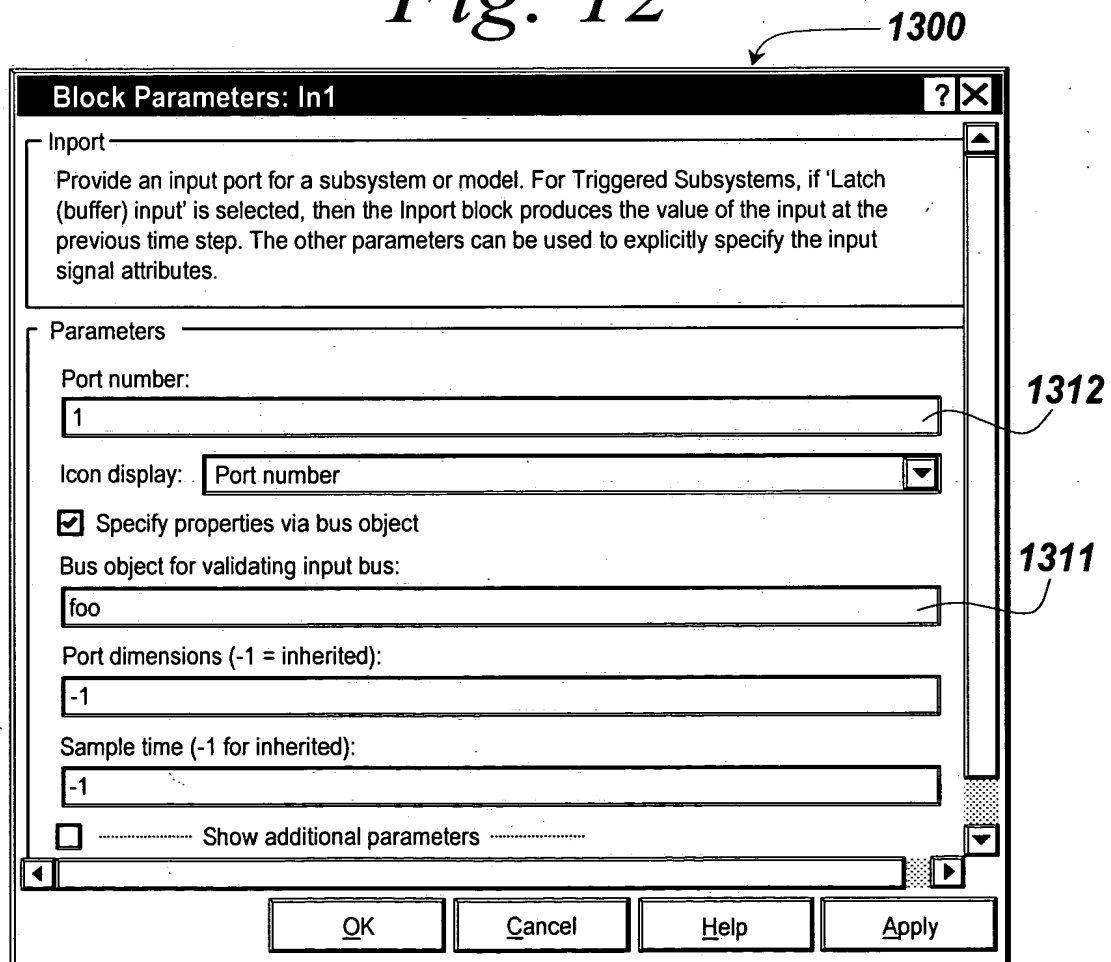


Fig. 13